PTO/SB/17 (10-03)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to a collection of information unless it displays a valid OMB control curbon. Under the Rapeqwork Reduction Act of 1995, no persons are required to re-

FEE	TR	AN	SMI	TT	AL
	for	FY	200	4	

Effective 10/01/2003, Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

MOA S 8 5003

TOTAL AMOUNT OF PAYMENT (\$) 1,390.00

espond to a collection of information unless it displays a valid OMB control number.				
Complet if Known				
Application Number	09/466568			
Filing Date	December 17, 1999			
First Named Inventor	Gerald R. Crabtree			
Examiner Name	T. McKelvey			
Art Unit	1636			
Attorney Docket No.	APBI-P16-316			

METHOD OF PAYMENT (check all that apply)		ply)			FEE	CALCULATION (continued)	
Check Credit Money Other None		None 3.	ADDITIO	DNAL	FEES		. —
X Deposit Accou	nt:						
Deposit Deposit		La	rge Entity		Entity	_	
Account 18-1945 Number		Fe Cod		Fee Code	Fee (\$)	Fee Description	Fee Paid
Deposit Pance & Cray LL D		105	51 130	2051	65	Surcharge – late filing fee or oath	
Account Name Ropes & Gray LLP The Director Is authorized to: (check all that apply)			52 50	2052	25	Surcharge – late provisional filing fee or cover sheet.	
X Charge fee(s) indicated below X Credit any overpayments			53 130	1053	130	Non-English specification	
X Charge any additional fee(s) or any underpayment of fee(s)			12 2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge fee(s) indicated below, except for the filling fee			04 920*	1804	920*	Requesting publication of SIR prior to Examiner action	
to the above-identified deposit account.			05 1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION			51 110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE			52 420	2252	210	Extension for reply within second month	
Large Entity Small	Entity	125	53 950	2253	475	Extension for reply within third month	
Fee Fee Fee Code (\$) Code	Fee Pescription (\$)	Fee Paid 125	54 1,480	2254	740	Extension for reply within fourth month	
1001 770 2001	385 Utility filing fee	125	55 2,010	2255	1,005	Extension for reply within fifth month	1,005.00
1002 340 2002	170 Design filing fee	140	01 330	2401	165	Notice of Appeal	
1003 530 2003	265 Plant filing fee	140	02 330	2402	165	Filing a brief in support of an appeal	
1004 770 2004	385 Reissue filing fee	140	3 290	2403	145	Request for oral hearing	
1005 160 2005	80 Provisional filing fee	145	51 1,510	1451	1,510	Petition to institute a public use proceeding	
· '	SUBTOTAL (4)	145	52 110	2452	55	Petition to revive - unavoidable	
SUBTOTAL (1) (\$) 0.00		145	53 1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIN	FEES FOR UTILITY AND R	EISSUE 150	01 1,330	2501	665	Utility issue fee (or reissue)	
	Extra Fee from Claims below	Fee Paid 150	02 480	2502	240	Design issue fee	
Total Claims	-** = x =	150	03 640	2503	320	Plant issue fee	
Independent	-** =	146	50 130	1460	130	Petitions to the Commissioner	
Claims		180	7 50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small	Entity	180	06 180	1806	180	Submission of Information Disclosure Stmt	
Fee Fee Fee Code (\$) Code	Fee (\$) Fee Description	802	21 40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18 2202	9 Claims in excess of 20	180	9 770	2809	385	Filing a submission after final rejection	
1201 86 2201	43 Independent claims in excess					(37 CFR 1.129(a)) For each additional invention to be	<u> </u>
1203 290 2203	145 Multiple dependent claim, if n	not paid 181	10 770	2810	385	examined (37CFR 1.129(b))	
1204 86 2204	43 ** Reissue independent claim	ns 180	770	2801	385	Request for Continued Examination (RCE)	385.00
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20		of 20	900	1802	900	Request for expedited examination of a design application	
	and over original patent	Oth	er fee (spec	cify)			L
SUBTOTAL (2) (\$) 0.00			educed by E	Basic Fil	ling Fee	Paid SUBTOTAL (3) (\$)	1,390.00
**or number previous	sly paid, if greater; For Reissues, see	e above				<u> </u>	

Name (Print/Type)	Melissa S. Rones, Ph.D.	Registration No. (Attorney/Agent) 54,408	Telephone	(617) 951-7653
Signature	m 1/		Date	November 25, 2003

	is being deposited with the U.S. Postal Service with mmissioner for Patents /P.O. Box 1450, Alexandri	
below.		
Dated:	Signature:	(Ginny Blundell)